

Abstract of the Disclosure

A bridge has a shared forwarding database and a plurality of ports. The bridge handles data associated with multiple virtual local area networks (VLANs). The shared forwarding database includes static entries for one or more devices which belong to multiple VLANs. Upon receiving data addressed to one of the one or more devices the bridge determines that the data should be source routed by retrieving the static entry from the shared forwarding database. The bridge then selects a bridge port to which the data should be forwarded on the basis of information in the data, such as a VLAN ID field.

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